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**From:** "Semborski, Chuck" <Charles.Semborski@PacifiCorp.com>  
**To:** "Jerriann Ernstsens" <jerriannernstsens@utah.gov>  
**Date:** 8/15/2006 10:03:18 AM  
**Subject:** RE: notes

Jerriann,

Attached is a copy of the notes from the July 19th meeting. In addition, I will send you a copy of the handouts from the first meeting.

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-----Original Message-----

From: Jerriann Ernstsens [mailto:jerriannernstsens@utah.gov]  
Sent: Monday, August 14, 2006 4:57 PM  
To: Semborski, Chuck  
Subject: notes

Chuck, Did you ever draft the meeting notes from the Rilda stream channel mitigation meeting? Jerriann

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**Rilda Canyon Mitigation Projects: Rilda Creek Restoration  
July 19, 2006 Meeting Notes**

**Attendees**

DWR: Craig Walker

USFWS: Diana Whittington

USFS: Pam Jewkes

PacifiCorp Staff

**Project Summary:**

Rehabilitate the perennial portion of Rilda Creek, from Rilda Canyon Springs to the mouth of the canyon. Coordinate with government agencies and private property land owners to facilitate the project. Project would involve approximately two miles of stream corridor.

**General Objective:**

Conduct a stream restoration project of Rilda Canyon Creek throughout the perennial reach (approximately two miles). Project goals and objectives will follow the established guidelines developed by the Federal Interagency Stream Restoration Working Group (for a complete guide refer to ([http://www.usds.gov/stream\\_restoration](http://www.usds.gov/stream_restoration))). Stream restoration will involve an systematic approach: identify the problems and opportunities, develop project goals and objectives, select and design restoration alternatives, implement selected designs, monitor results and modify designs if necessary.

**Agenda** (agenda items in bold/discussion in italics)

1. Update on Rilda Canyon site development schedule for 2006-2007 (Doug Johnson)
  - a. Phase 1 Construction Activities: 2006
    - i. *Main emphasis of Phase 1 is establish additional ventilation capacity. Fan installation is schedule for Sept-Oct, with startup anticipated by Oct 2006.*
    - ii. *Temporary sediment control has been installed at both the Phase 1 and the sediment pond areas*
    - iii. *Entire area has been grubbed, topsoil stripping is progressing.*
  - b. Future Plans
    - i. *Energy West's immediate plans include only Phase 1. Construction details of Phase 1 has been designed to be flexible including the ability to expand to the full facilities based upon economic justification*
2. Discuss aquatic surveys results (Craig Walker)

- a. Baseline Surveys 2004-2005
  - b. Spring Surveys - DWR/Fall Surveys - Cirrus Ecological Solutions
    - i. *Craig discussed the results of 2004-05 aquatic surveys*
    - ii. *Energy West contracted Cirrus Ecological Solutions to compile and compare the results both on a seasonal and yearly basis. Results of this report have been transmitted to DWR and DOGM.*
    - iii. *The first aquatic survey (May 2004) detected fish above the weir located near the mouth of the canyon, all subsequent surveys failed to locate fish above this barrier.*
    - iv. *Initial thoughts concerning Rilda Creek included removing barriers to allow free movement of fish along Rilda Creek. Recent disclosure that whirling disease has been discovered in the Huntington Creek drainage system has altered that idea. A barrier in Rilda Creek could isolate a population of disease-free fish from Huntington Creek.*
3. Hydrologic characteristics of Rilda Creek (Chuck Semborski)
- a. Stream Quality 1989-2005
    - i. *Handout included water quality summary of the perennial section of Rilda Creek (near Rilda Springs - start of perennial section and the weir at the mouth of Rilda)*
    - ii. *Overall, the quality deteriorates slightly from the upper reaches to the mouth of the canyon, typical of streams in Central Utah*
  - b. Stream Quantity 1989-2005
    - i. *Handout included flow characteristics of Rilda Canyon including base flow of the perennial reach*
4. Review Stream Corridor Restoration manual, copies of the manual will be available to team members (Dennis Oakley)
- a. Review Stream Restoration Corridor Manual
    - i. *Copies of the Stream Corridor Restoration Manual were made available to the team members*
    - ii. *Team members discussed preliminary stream restoration ideas for Rilda*
      - (1) *Rilda drainage is very dynamic, relatively steep gradient, deeply incised in places, heavily vegetated*
      - (2) *Historical impacts includes coal mining, grazing, forest fires, timbering and recreation activities*
      - (3) *Artificial barriers to elevate the stream - create pools, will fill with sediment rapidly (evidence from recent beaver activity)*
      - (4) *NEPA - discussed level of required environmental assessment - Pam will discuss with Katherine Foster*
5. Site meeting to review the perennial portion of Rilda Creek
- a. *Postponed site review until the last week of September-first week of October (reduced stream flow and vegetation restrictions)*